

ZLATE, M.

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316 '64.

1. Chair of Psychology of the Bucharest University.

ZLATEREV, Petur, inzh.

Efficiency of miniature high-speed centrifugal pumps. Tekhnika
Bulg 12 no.6;5-7 '63.

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065310006-8

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107-112 '63.

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065310006-8"

ZLATEV, G.

Chopping cotton. p. 19.
(KOOPERATIVNO ZEMEDELIE, No. 7, July 1957, Sofia, Bulgaria.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 12, December 1957 Uncl.

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Vol. 14 No. 11
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Analysis

Zlateff, Ivan. Sur la propagation de la chaleur dans une barre se composant de deux parties de longueur variable dans des conditions initiales aux limites. C. R. Acad. Bulgare Sci. 4 (1951), 5-8 (1953) (Russian, French summaries).
The author gives a solution of this problem by reducing it to a system of two Volterra integral equations of the second kind. (T. I. Mafuta, Amer. Math. Rev.)

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065310006-8

ZLATER, N. A.

"The Problem of Large Hydrolelectric Station Switching Circuits", Elektrichesstvo,

No. 11, 1949, Engr.

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065310006-8"

BULGARIA / Chemical Technology. Chemical Products & Their Applications. Synthetic Polymers. Plastics.

H

Abs Jour : R Zh Khimi., No 12, 1959, No 44149

Author : Shishmanov, Ch.; Zlaterev, K.

Inst : Not given

Title : Plastics and Their Use for Machinery.

Orig Pub : Tezhka promishlenost, 1958, 7, No 4, 17-25

Abstract : Classification of present-day plastics, their basic properties, and the use of plastics for machinery. - L. Pesin.

Card: 1/1

H-66

ZLATEV, B.;STANEV.

"Significance of a Tonsillectomy for Rheumatic Patients." p. 2,
(ZDRAVAN FRONT, No. 48, Nov. 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (EMAL), LC, Vol. 4
No. 5, May 1955, Uncl.

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d-r.

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308 1954.

I. Ot N. I. V. Kh. K. Institut - Sofia.
(SALMONELLA INFECTIONS, epidemiology,
in Bulgaria)

ZIATEV, Georgi St.

Computing devices for calculating the percentage of soil moisture.
Pochvovedenie no.9:76-80 S '65.

(MIRA 18:10)

1. Nauchno-issledovatel'skiy institut tabaka, Plovdiv, Bulgariya.

ZLATEV, I.

Concerning Stefan's multilayer problem of one dimension under nonlinear limited conditions. In Russian, p. 133.

GODISHNIK. MATEMATIKA I FIZIKA. Sofiia, Bulgaria, Vol. 50, no. 1 pt. 2

Monthly List of East Accession (EEAI) LC, Vol. 9, No. 1 January 1960

Uncl.

ZLATEV, I.

BURILKOV, T.; ZLATEV, I.; DIULGEROV, Iv.

Considerations on roentgenokymographic functional investigation of
the lungs in artificial pneumothorax. Suvrem. med., Sofia 5 no.8:
38-41 1954.

1. Iz Okruzhniiia protivotuberkulosen dispanser, Burgas. Gl. lekar:
M.Karapalev Okruzhnata bolница, Burgas. Gl. lekar: Zh.Sikolov.
(PNEUMOTHORAX, ARTIFICIAL
kymography of lungs in)
(LUNGS, radiography.
kymography in artif. pneumothorax)

ZLATEV, I.

"Propagation of Heat in a Core Composed of Two Homogeneous Parts with Wide Variability Under Limited Conditions." p. 5 (DOKLADY, Vol. 4, no. 1, Jan./Mar. 1951.)

So: Monthly List of East European Accessions, Vol. 3, No. 5, May 1954; Unclassified

AUTHORS: Zlatev, I., Isayev, P. S.

SOV/56-35-1-58/59

TITLE: The Bremsstrahlung and the Pair Production on Protons
Taking Into Account the Form Factor (Tormoznoye izlucheniye
i rozhdeniye par na protonakh s uchetom form-faktora)

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1958,
Vol.35, Nr 1, pp. 309 - 310 (USSR)

ABSTRACT: From a modern point of view, a nucleon is a "nucleus"
which is surrounded by a cloud of virtual mesons. The
distributions of the electric charges and of the magnetic
moment of the nucleons were investigated thoroughly
in Hofstadter's (Khofshtadter) experiments on the scattering
of electrons on protons and neutrons. It is therefore
interesting, to investigate the influence of the form
factor on processes like bremsstrahlung or pair production
on nucleons. The authors calculated these processes for
the special case of protons in the lowest approximation
of the perturbation theory (in the third order with respect
to e). The graphs taken into account are shown in a figure.
Also the "meson fur" will give an additional contribution
to the cross section of these processes. But taking

Card 1/3

The Bremsstrahlung and the Pair Production on Protons SOV/56-35-1-58/59
in Consideration of the Form Factor

account of this contribution is rather complicated and therefore only some comments on it are given in this paper. The exact formulae are rather complicated and therefore are not given in this paper. When the proton mass tends to infinity, these formulae are changed to the corresponding formulae of Bethe (Bete)-Heitler (Gaytler) for the bremsstrahlung and pair production. Deviations from these formulae will be observed only in the region of large scattering angles or in the region of extremely high energies of the incident electron (\gg 500 MeV). This leads to the following conclusion: A difference between the Bethe (Bete)-Heitler (Gaytler) formula will be an argument in favor of the influence of the recoil and of the form factor on the cross section of the investigated process, and also in favor of the possible existence of an additional contribution of the "meson fur" of the nucleon on the cross section. In order to illustrate these considerations, numerical results are given in a table. The above mentioned difference has noticeable values (\sim 15 %) even for relatively small angles (30°) and this fact is an argument in favor of a

Card 2/3

The Bremsstrahlung and the Pair Production on Protons SOV/56-35-1-58/59
in Consideration of the Form Factor

noticeable contribution of the "meson fur" to the cross section of the bremsstrahlung. Further calculations will solve this problem in a more definite way. The authors thank A.A.Logunov and A.N.Takhvelidze for useful discussions of these results. There are 1 figure, 1 table, and 4 references, 1 of which is Soviet.

ASSOCIATION: Ob"yedinennyi institut yadernykh issledovaniy (United Institute for Nuclear Research)

SUBMITTED: April 23, 1958

Card 3/3

ZLATEV, IV.

About the Residual Microflora in the Production of Sterilized Meat
and Fish Cans in Our Country. Leka Promishlenost (Light Industry), #8:23:
August 1955

ZLATEV, I.

Zlatev, I. Microorganisms which remain in our sterilized canned meat and fish.
p.23.

Vol. 4, no. 8, 1955 LEKA PROMISHLENOST Sofiya, Bulgaria

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 2
February, 1956

ZLATEV, I.S.; ISAYEV, P.S.

Use of dispersion relations for checking quantum electrodynamics
at small distances. Zhur.eksp.i teor.fiz. 37 no.4:1161-1162
O '59. (MIRA 13:5)

1. Ob"yedinennyj institut yadernykh issledovaniy.
(Quantum electrodynamics)

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065310006-8

ZLATEV, I.S.; NIKOLOV, A.V.

Analytic properties of the Feynman amplitude. Pt. 1. Godishnik
fiz. mat. 56 no.2:51-87 '61/'62 [publ. '63].

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065310006-8"

Zlatev, I.S.

PHASE I BOOK EXPLOITATION	SOV/3369
21(2,3); 24(5)	
Vesorguyucaia seminarskaya konferentsiya po kvantovoy teorii polya i teorii elementarnykh chastic. Uzhgorod, 1958	
problemy sovremennoj teorii elementarnykh chastic. No. 2: Teoriya konferencii... [Problems in the Modern Theory of Elementary Particles]. Mr. 2: Transactions of the All-Union Inter-University Conference on the Quantum Field Theory and the Theory of Elementary Particles] Uzhgorod, Zakarpatskoye oblastnoye izdatnoye izdav. 1959. 216 p. 5,000 copies printed.	
Ed.: Yu. Lomadze, Docent; Tech. Ed.: M. Belous.	
purpose: This book is intended for physicists, particularly those concerned with problems in the field of elementary particles and the quantum theory.	
contents: This book contains articles on elementary particles originally read at the All-Union Inter-University Conference held at Uzhgorod State University on October 26, 1958. Among the topics discussed are: the spinor field theory, the fusion theory, the Lorentz contractions, parity anomalies, nucleon-nucleon scattering, etc. English abstracts accompany each article. References follow each article.	
Dobadze, A.Z. Polarization of Quanta Emitted by μ Mesons 138	
Bartschukov, V.Z. Optical Analysis of the Interaction Between Fast: Nucleons and Pions Particles With Nucleons and Nucleus 142	
Sharkov, G.P. The Self-Phenomenological Theory of Nuclear Forces 149	
Fisher, Ya. and Z. Chubli. Partial Wave Analysis of the Generation of Particles 157	
Zlatev, I.A. and P.B. Ivanov. The Effect of the Form-Factor on the Processes of Bremsstrahlung and Generation of Particles on Protons 165	
Klimov, V.A. On the Interaction Between Δ -Particles and Nucleons in the Hypernoidi 175	
Lomadze, Yu.M. The Application of the Perturbation Method Series 182	
Lomadze, Yu.M., V.I. Bondar'ev, and I.O. Kirillov. The Problem of Nucleon-Nucleon Scattering in High-Energy Regions 195	
Comments: Yu.M., V.I. Bondar'ev, I.O. Kirillov, Yu.N. Sazanov, S.I. Pashobich, I.V. Minovich, Z.P. Lashkin, and B.E. Shust 211	
Interpretation of the Modified Perturbation Series Related to the Interpretation of the Nucleon-Nucleon Scattering 211	

AUTHORS: Zlatev, I. S., Isayev, P. S. SOV/56-37-3-21/62

TITLE: Dispersion Relations for the Virtual Compton Effect

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1959,
Vol 37, Nr 5(9), pp 728-734 (USSR)

ABSTRACT: In the present paper the dispersion relations for the virtual Compton effect in the lowest approximation with respect to ϵ are derived by the method of N. N. Bogolyubov. V. S. Vladimirov and A. A. Logunov (Ref 3) furnished a proof for the bremsstrahlung and for the pair formation, and for this reason the authors concentrated on the definition of dispersion relations which are suited for practical use. The authors demonstrate that the cross sections of the processes in single-nucleon approximation agree with those cross sections which were computed in the lowest approximation of the perturbation theory. In this case the method of dispersion relations permits the strict introduction of the form factor (of the Hofstadter type) into the nucleon vertices of the Feynman diagrams which are in connection with the virtual photon line. This is one of the essential advantages which have dispersion relations over the perturbation theory. The resultant

Card 1/3

Dispersion Relations for the Virtual Compton Effect SOV/56-37-3-21/62

dispersion relations are suited at least for the estimation of the contribution of the single-pion state to the processes investigated. By taking into account the single-pion state an important extension of the energy range in the examination of quantum electrodynamics at small distances may be attained. The quantum electrodynamics for bremsstrahlung at an energy of ~ 550 Mev of the incident electron and an energy of ~ 260 Mev of the emitted photon may be examined up to distances of

$\gtrsim 3 \cdot 10^{-14}$ cm. The individual parts of the present paper deal with the following: dispersion relations for the amplitude of the virtual Compton effect, structure of the amplitude of bremsstrahlung, dispersion relations for the Lorentz invariant coefficient, dispersion relations for the physical amplitudes in the center-of-mass system. By means of the dispersion relations, form factors depending rigorously on a variable may be introduced into the process of bremsstrahlung and pair formation. These form factors have already been deduced by R. Hofstadter for the negative values of the argument (Ref 11). There are 2 figures and 14 references, 8 of which are Soviet.

Card 2/3

Dispersion Relations for the Virtual Compton Effect SOV/56-37-3-21/62

ASSOCIATION OF THE RUSSIAN SCIENTIFIC CENTER
APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R002065310006-8
of Nuclear Research)

SUBMITTED: March 23, 1959

Card 3/3

ZLATEV, IVAN

Bulgaria/Chemical Technology. Chemical Products and Their Application -- Food industry, I-28

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 6717

Author: Zlatev, Ivan

Institution: None

Title: Residual Microflora in the Production of Meat and Fish Canned Goods in Bulgaria

Original

Publication: Leka promishlenost, 1955, No 8, 23-27

Abstract: 1,275 cans of meat and fish products were investigated for sterile condition and a study was also made of biochemical action, morphology and thermal stability of micro-organisms isolated from the canned goods. In the canned products most frequently were encountered the following micro-organisms: micrococci -- 97 strains; anaerobia Cl. sporogenes and Cl. putrificus Bienstock -- 37 strains; facultative anaerobia: B. subtilis, B. mycoides Fluege and B. mesentericus ruher -- 28 strains. Sporogenic micro-organisms isolated from the canned products show considerable thermal stability.

Card 1/1

ZLATEV, St.

On one serum factor, stimulating humoral immunogenesis. Folia med.
(Plovdiv) 6 no.4:216-221 '64

1. Higher Medical Institute "I.P. Pavlov", Plovdiv, Bulgaria,
Chair of Microbiology and Serology (Chief, Prof. Ml. Yanew).

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065310006-8

ENEV, K.; PAVLOV, K.; ZLATEV, St.

On some liver and bile duct anomalies. Suvar med. 14 no.12:
21-31 '63.

X

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065310006-8"

ZLATEV, M.

"Some problems concerning the electrostatic generators."

p.1 (Tekhnika, Vol. 6, no. 6, 1957, Sofia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 8, August 1958

ZLATEV, Mincho P.

Conditions for the electrostatic equilibrium of the couples of
elementary fields in conductors. Godishnik mash elekt 9:1-4 '61.
[publ. '62]

ZIATEV, M.

Some electrotechnic problems with combinative numbers. p. 49.

GODISHNIK. Mashinno-elektrotekhnicheski institut. Sofiia, Bulgaria, Vol. 4, no. 1, 1957 (published 1958).

Monthly List of East European Accessions (EEAI) LC, Vol. 9, No. 2, Feb. 1960
UNCL

ZLATEV, M.; FARKHI, S.

Concerning subharmonius oscillations in some nonlinear circuits. p. 59.

GODISHNIK. Mashinno-elekrotekhnicheski institut. Sofia, Bulgaria. Vol. 4, no. 1, 1957 (published 1958).

Monthly List of East European Accessions (EEAI) LC, Vol. 9, No. 2, Feb. 1960
UNCL

ZLATEV, M.

ZLATEV, M. Demonstration of the Biot-Savart-Laplace Law. p. 115. Vol. 2, no. 1, 1955. GODISHNIK. ANNUAIRE. Sofiia, Bulgaria

SOURCE: East European Accesions List (EEAL) Vol 6, No. 4--April 1957

ZLATEV, M.

Rational expression of electric and magnetic measurements. p. 4.
TEKHNIKA, Sofiya, Vol. 4, no. 4, Apr./May 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6 June 1956,
Uncl.

ZLATEV, M.

ZLATEV, M. A new way for derivation of Biot-Savart-Laplace's Law. p. 14.

Vol. 46, no. 1, Jan. 1957
ELEKTROTECHNICKY OBZOR
TECHNOLOGY
Czechoslovakia

So: East European Accession, Vol. 6, No. 5, May 1957

ZLATEV, M.; POPOV, L.

ZLATEV, M.; POPOV, L. Calculating the supplementary magnetomotive force for the compensation of the rotor reaction in direct current motors. p. 16.

Vol. 46, no. 1, Jan. 1957

ELEKTROTECHNICKY OBZOR

TECHNOLOGY

Czechoslovakia

See: East European Accession, Vol. 6, No. 5, May 1957

BULGARIA

STOYCHEV, Ts., STANEVA-STOYCHEVA, D., and ZLATEV, M.; Section of Pharmacology (Head Prof. P. Nikolov), Scientific Research Institute of Physiology, Bulgarian Academy of Science; Chair of Pharmacology (Head Prof. V. Petkov), ISUL; Chair of Pathological Anatomy (Head Prof. Iv. Goranov), ISUL

"Prophylactic Action of Sodium Ethylxanthogenate in Experimental Atherosclerosis of Rabbits"

Sofia, Eksperimentalna Meditsina i Morfologiya, Vol 5, No 3, 1966, pp 171-178

Abstract: Changes in the content of thiol groups in the blood serum and biochemical indices of lipid metabolism were studied in rabbits in which experimental cholesterol atherosclerosis was induced by N. N. Anichkov's method. The content of thiol groups in the blood serum and liver of rabbits with atherosclerosis was reduced. There was an inverse relation between the content of thiol groups in the blood serum and the level of cholesterol, total lipids, and β -lipoproteins in it. Subcutaneous administration of sodium ethylxanthogenate in a daily dose of 30 mg/kg had a prophylactic, inhibiting effect on the development of atherosclerosis in that it maintained a normal level of thiol groups in the blood serum and liver and reduced morphological changes associated with atherosclerosis. It did not affect significantly the serum indices of lipid metabolism, however. Table, graphs, figures, 7 references (2 Bulgarian, 1 USSR, 4 Western). Russian and English summaries. Manuscript received Jul 65.

1/1

S/024/62/000/002/002/012
E140/E135

9, 3230

AUTHOR: Zlatev, Mincho P. (Sofia)

TITLE: Combinational matrices and their applications in electrical engineering

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Otdeleniye tekhnicheskikh nauk. Energetika i avtomatika, no.2, 1962, 55-58

TEXT: The author criticizes certain conventions of the matrix calculus of a.c. networks, where the complex-conjugate and transposed matrices are required for such calculations as the power, volt-amperes, etc. This results in the matrix equations not having the same form as the ordinary network equations. The same anomalies are found in tensor analysis. The author proposes the use of "combinational" matrices, where in place of complex numbers the matrix elements are his previously proposed (e.g. Ref.4: Deutsche Elektrotechnik, no.11, 1955, and Ref.6: L'Onde Electrique, no.12, 1959) combinational numbers. The matrix operation of multiplication is then defined

Card 1/2

V
B

Combinational matrices and their ... S/024/62/000/002/002/012
E140/E135

and it is shown that multiplication with the unit matrix $\|1\|$ is not commutative. Associativity and commutativity are studied, and the adjunct, inverse and other special matrices defined. It is then shown that using these matrices and the operations defined, the a.c. network equations in matrix form are completely analogous to the same in ordinary form. For example, the equation relating network impedance and admittance matrices is

$$\|Z\| = \|Y\|^{-1} \quad \text{where} \quad \|Y\| = \|Z\|^{-1} \quad (3.1)$$

and the volt-amperes by

$$\|S\| = \|E\| \|I\| = \|E\| \|I\| \quad (3.6)$$

Several formulae are given for operations in Kron's tensor calculus.

SUBMITTED: November 12, 1961

Card 2/2

✓
B

ZIATEV, M.P.; FARKHI, S.L.

Determining the errors of measuring transformers by means of
a single equivalent system.. Godishnik mash elekt 10 no.1:181-
192 '61 (publ. '62).

ZIATEV, M.P.; PANAMSKI, I.M.

Determining the torque of an induction disk relay. Godishnik mash
elekt 10 no.1:193-196 '61 (publ. '62).

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065310006-8

ZLATEV, Mincho P., prof. inzh.; PANAMSKI, Iliia M., inzh.; FARKHI, Samuil L.,
inzh.; LAZAROV, Zakhari M., inzh.; TSVETKOV, Dimcho N., inzh.

Effects of deformation phenomena in the high-voltage system of
Bulgaria. Tekhnika Bulg 11 no.4:125-128 '62.

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065310006-8"

S(2)

AUTHORS: Zlatev, M. P., Kozarov, A. S., Markhi, S. L. SO7/105-59-10-6/25

TITLE: On Transients in Negative Sequence Filters

PERIODICAL: Elektrichestvo, 1959, Nr 10, pp 33-37 (USSR)

ABSTRACT: The authors investigated here the influence exerted by electro-mechanical transients in the filter-relay system upon the faultless operation of protection against faults. The method presented here allows to determine the criterion of the selection of filter parameters as well as the possibility of corrections of the circuit diagram for an extension of the protective zone. The method is based on the following: The filter-relay system must guarantee protection from asymmetrical defects and three-phase short circuits in a definite protective zone. The response of the relay depends here on the electromagnetic transients. The character of these processes is dependent on the electric parameters of the afore-mentioned system, on the mechanical characteristics of the relay, and on the length of the protective zone. In order to ascertain how far these quantities are in agreement, two terms are introduced: (1) criterion G_1 of the parameters (which expresses the dependence of the mechanical

Card 1/2

On Transients in Negative Sequence Filters

SOV/105-59-10-6/25

parameters of the relay on the length of the protective zone);
(2) the quality coefficient Q_F (which depends only on the electric

parameters of the system and characterizes the electric transient).
The greater Q_F , the larger is the protective zone. It is therefore
recommended to choose the filter parameters in such a manner
that Q_F has as high a value as possible, taking account of the
requirements of steady operation. The formulas for the determi-
nation of G_1 and Q_F are deduced here, further, the authors

demonstrate the way in which the parameters of filter-relay
systems are selected and illustrate the application of the given
method by the example of a voltage filter with heterogeneous
reactive elements. The theoretical considerations of this article
are confirmed by experimental results. There are 4 figures and
7 Soviet references.

ASSOCIATION: Mashinno-elekrotekhnicheskiy institut, Bolgariya (Institute of
Mechanical and Electrical Engineering, Bulgaria)

SUBMITTED: February 5, 1959

Card 2/2

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065310006-8

ZLATEV, Mincho P.

A method for the synthesis of fundamental electromagnetic relations. Godishnik mash elekt 7 no.1:85-95 '60. (publ. '61)

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065310006-8"

ZLATEV, Mincho P.

Parametric study of electric and magnetic fields. Godishnik
mash elekt. 7 no.1:97-106 '60. (publ. '61)

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065310006-8

ZLATEV, Mincho P.

A method for determining electrostatic constants of the conductors
and circuits. Godishnik mash elektr. 7 no.1:107-113 '60.
(publ. '61)

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065310006-8"

ZLATEV, Mincho P.; FARKHI, Samuil L.

Determination of the losses in the belt toroidal magnetic circuits.
Godishnik mash elekt 7 no.1:115-118 '60. (publ. '61)

ZLATEV, Mincho P.

Combinative matrices and their applications in electrotechnics.
Godishnik mash elekt 8 no.1:119-128 '60. (publ. '61)

Determination of eddy currents by ... S/196/62/000/005/001/012
 E194/E154

Utilizing the equation $\bar{D} = \text{rot } \bar{A}_D$ an expression is obtained for the intensity of vector potential of the eddy current field in the form:

$$E = \frac{e}{4\pi} \oint_{\Gamma'} \frac{d\ell^{-1} \times \bar{r}^o}{r^2}$$

where r - the distance from the element of length $d\ell'$ of the contour Γ' to the point under consideration. The vector potential of the induced electric field

$$\bar{A} = \frac{e}{4\pi} \oint_{\Gamma'} \frac{d\ell'}{r}$$

is applied in practice to an unbranched closed magnetic loop Γ' . for instance, the magnetic circuit of an electrical machine in which magnetic leakage may be neglected. Eddy currents are determined from the expression:

$$i = \gamma \int_s \bar{E} ds = \gamma \int_s \text{rot } \bar{A} d\bar{s} = \gamma \oint_{\Gamma'} \bar{A} d\bar{\ell}$$

Card 2/3

Determination of eddy currents ... S/196/62/000/003/021/012
where Γ is a closed loop bounding an arbitrary cross-sectional area. Finally, $i = -Gd\Phi/dt$ where the expression for the equivalent conductivity

$$G = \frac{\gamma}{4\pi} \oint_{\Gamma} \oint_{\Gamma'} \frac{df' df'}{r}$$

is of the same form as the expression for the mutual inductance in Neuman's formula: it is valid for a uniform medium characterized by constant value of the specific conductivity γ . In making the calculations it is assumed that the following are known: the geometrical dimensions of the unbranched magnetic circuit; the value of the magnetizing force; and the graph of $B = f(H)$. The magnetic flux Φ is determined either graphically or experimentally.

4 literature references.

[Abstractor's note: Complete translation.]

Card 3/3

S/196/62/000/004/001/023
E194/E155

AUTHOR: Zlatev, Mincho P.

TITLE: An investigation of the relationship between voltages in electric circuits

PERIODICAL: Referativnyy zhurnal, Elektrotehnika i energetika, no. 4, 1962, 10, abstract 4 A56. (Godishnik Mash. - elekrotekhn. in-t, v.6, no.1, 1959 (1960), 141-151 (Bulgarian, with summary in French)).

TEXT: Conditions in electric circuits are described by algebraic or differential equations based on Ohm's law for a resistive 2-terminal network, on Ohm's law for a closed unbranched circuit, or on Kirchoff's second law for closed branched circuits. These laws are particular cases of the law of conservation and conversion of energy. On the basis of general propositions concerning electrical potentials, the elementary work done in displacing a positive charge dq , is written as a positive quantity udq or edq , where u is the potential difference, e is the e.m.f. or back-e.m.f. An expression is first written for the work for the simplest

Card 1/2

An investigation of the ...

S/196/62/000/004/001/023
E194/E155

case of an ideal resistive 2-terminal network under generator and motor conditions in the form u_{odq} when charge is transferred from one pole to the other, and in the form sdq on transfer in the opposite direction. An actual 2-terminal network is then considered and each of the above expressions is given for the cases of operation under generator and motor conditions and finally for a contour separated from a branch circuit. The equations are finally simplified to the form:

$$\sum_0^F (e_p + u_{os}) = \sum_F^0 (e_s + u_{op}).$$

All the above-mentioned laws are derived from this expression by appropriate conversions. The equations are extended to a.c. circuits by using the expressions $dW_L = u_L dq$; $dW_C = u_C dq$; and $dW_M = u_M dq$; where $u_L = Ldi/dt$; $u_C = \int idt/C$ and $u_M = \pm Mdi/dt$.

7 literature references.

Card 2/2 [Abstractor's note; Complete translation.]

S/058/62/000/010/069/093
A061/A101

AUTHORS: Zlatev, M. P., Boyadzhiev, G. N.

TITLE: The method of combination numbers in the quantum theory of semiconductors

PERIODICAL: Referativnyy zhurnal, Fizika, no. 10, 1962, 31, abstract 10E239
("Godishnik Mash.-elektrotekhn. in-t", 1959 (1960), v. 6, no. 1,
163 - 173, Bulgarian; summary in French)

TEXT: In the authors' opinion, the conventional mathematical formalism of quantum mechanics contains a deficiency: two quantities - a normal quantity and the respective conjugate complex quantity - are used to describe one and the same physical phenomenon. To eliminate this deficiency, the authors introduce a system of numbers which they call combination numbers. The combination number, like the complex number, is characterized by a modulus and an argument; however, the rules of multiplication of these numbers are somewhat different. The combination numbers are used to express the probability density in locating the particle in a given volume element, the normalization conditions, and the mean

Card 1/2

The method of combination numbers in...

S/058/62/000/010/069/093

A061/A101

values of some operators. Operators are also represented with the aid of combination numbers. Finally, these numbers are used to represent the wave function of an electron moving in the field of the periodic lattice. The periodic potential is considered as a small disturbance.

E. Nagayev

[Abstracter's note: Complete translation]

Card 2/2

ZLATEV, Mincho P. (Sofiya)

Combination matrices and their uses in electrical engineering.
Izv.AN SSSR.Otd.tekh.nauk.Energ.i avtom. no.2:55-58 Mr-ap '62.
(MIRA 15:4)

(Matrices)

ZLATEV, Mincho P. (Sofiya)

Method of determining the turning moment of some induction devices.
Izv. AN SSSR. Otd. tekhn. nauk. Energ. i avtom. no.6;92-95 K-D '60.

(Magnetolectric machines)

(MIRA 13:12)

POPOV, As.; ZIATEV, Nik.

Analysis of recently detected cases of active tuberculosis through 1955 in the regional tuberculosis dispensary in Burgas. Suvrem. med. Sofia 10 no. 1:133-139 1959.

1. Is Okruzhniia tubdispanser-Burgas (Gl. lekar: M. Karapalev).
(TUBERCULOSIS, UIMONA Y, epidemiology,
in Bulgaria (Bul))

DZHENDOV, L.; DULGEROV, I.; CHILINGIROV, I.; ZHATEV, N.

Observations on incidence and development pulmonary and specific infiltrations with special reference to the concept of pulmonary segments.
Suvrem. med., Sofia 8 no.5:35-45 1957.

1. Iz Burgaskata okruzhna bolnitsa (Gl. lekar: Zh. Sekolov) i Okruzhniia protivotuberkulozen dispanser-Burgas (Gl. lekar: M. Karapalev).
(LUNG DISEASES, pathology,
segmental aspects of infiltrations (Bul))

ZLATEV, N.; EXIMIZHIEV, M.; DZHERDOV, L.; DIULGEROV, Iv.

Case of anterior right paramediastinal suppurative pleurisy
following artificial pneumothorax. Suvren. ned., Sofia 6 no.
12:90-92 1955.

1. Iz Okrushniia protivotuberkulosen dispanser-Burgas (gl.
lekar: M. Karapalev), i Okrushnatz bolnitsa-Burgas (gl.
lekar: Zh. Siakolov).

(PNEUMOTHORAX, ARTIFICIAL, complications,
pleurisy, suppurative. (Bul))

(PLEURISY, etiology and pathogenesis,
pneumothorax, artif. (Bul))

DZHENDOV, L.; DIULGEROV, Iv.; ZLATEV, N.; POPOV, A.

Application of certain rentgenologic methods in pulmonary function tests in artificial pneumothorax. Suvrem. med., Sofia 6 no.12:68-71 1955.

1. Iz Okruzhnata bolnitsa-Burgas (gl. lekar: Zh. Siakolov) i Okruzhniia protivotuberkulozhen dispanser-Burgas (gl. lekar: M. Karapalev).

(PNEUMOTHORAX, ARTIFICIAL,
lung x-ray. (Bul))

Zlatev, N. A.

USSR/Engineering - Circuits, Electric
Power Plants, Hydroelectric

Nov 49

"The Problem of Large Hydroelectric Station Switching Circuits," I.M. Chalidze,
N. A. Zlatev, Yu. A. Var'yash, Engineers, Gidroenergoproekt, 6pp

"Elektrichestvo" No 12

Recommends use of new type hydroelectric power station switching circuit employing consolidated blocks of step-up transformers in conjunction with cross-connections at generator voltage. Windings of adjacent transformers are connected to each other, forming a "ring" system. This increases flexibility of circuit and improves stability and reliability of power transmission even when large group of transformers is disconnected. Includes several diagrams. Submitted 1 Jul 49.

PA 152T18

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065310006-8

ZLATEV, Petso, arkh

Kosta Nikolov, architect and winner of the Dimitrov prize; an
obituary. Arkhitektura 8 no.8:40 '61.

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065310006-8"

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065310006-8

ZLATEV, R., inzh.

Installation of cables in winter. Elektroenergiia 15 no. 4:23-24
Ap '64.

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065310006-8"

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065310006-8

GRUNCHAROVA, D., inzh. (Ruse); MINEV, M. kh., inzh. (Ruse); ZLATEV, St., inzh.
(Ruse); VIRONOV, G. inzh. (Ruse); OBRESHKOVA, G., inzh. (Ruse)

Manufacture and control of asbestos friction products in Bulgaria.
Mashinostroenie 11 no.4:33-34 Ap '62.

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065310006-8"

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065310006-8

DIMITROV, D.; ZLATEV, St.

Osteogenesis imperfecta congenita of the Vrplik type.
Akush.Ginek.3 no.3:79-82 '64.

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065310006-8"

ZLATEV, St., First City Hospital (I Gradska Bolnitsa),
Sofia.

"Incidents and Side Effects in the Application of X-Ray
Contrast Matter."

Sofia, Suvremenna Meditsina, Vol 14, No 3, 1963, pp 11-19.

Abstract: Noting reports of deaths in various parts of the world with the use of X-ray contrast matter, the author describes two cases of serious anaphylactic shock in the course of urographic testing with perabrodil. One patient fell unconscious for more than eight minutes, was immediately subjected to gamma therapy, and was recovered in 48 hours. The other patient recovered his strength in 25 minutes. Advance tests had been negative in both cases. The author has also noticed a variety of side effects in his practice comparable to those noted in world literature. Side effects are much rarer when antihistamines and hydrocortisone are used. Eleven recent references, mainly U/German.

L 34507-66 T JK
ACC NR: AP6024753

SOURCE CODE: BU/0611/65/018/010/0959/0962

AUTHOR: Shkonderov, S.; Zlatev, V.; Zhaleva, M.

ORG: Research Institute for State Control of Medical Preparations

TITLE: Effect of repeated lyophilization in three protective media on the viability
and properties of Staph. aureus 209

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 10, 1965, 959-962

TOPIC TAGS: freeze drying, oxygen consumption, bacteriology, bacterial antigen,
immunology, bacteria

ABSTRACT: The process of freeze drying of the microorganisms is accompanied by a number of changes in their cultural, biochemical, antigenic, and immunologic properties (see, e.g., A. German et al., Annpharm. franc., 19, 1961, 5). It is necessary to combine certain conditions in order to reduce these changes. A peculiar role in these conditions is played by the protective medium in which the microorganisms are suspended during the lyophilization. The authors compared the effect of lyophilization on certain biochemical and biological properties of Staph. aureus 209 suspended in three protective media. The changes studied occurred in the strain in the process of repeated lyophilization with rehydration between the stages and without intermediate cultivation. The protective media used were: skimmed cow's milk with eutactic point -19°C, the Blankov-Subotina medium (5% sodium glutamate and 5% dextrose) with

Card 1/2

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L 34507-66

ACC NR: AP6024753

eutectic point -21°C. Results presented in the form of comprehensive tables show that cells which have survived repeated lyophilization are more resistant to storage in a dried state. Other data point to increased oxygen consumption in the process of lyophilization. There are no antigenic changes in the strain after lyophilization. This paper was presented by Corresponding Member RAN A. Toshikov on 1 July 1965. Orig. art. has: 2 figures and 2 tables. [Orig. art. in Engg] [JPRS: 34,903]

SUB CODE: 06 / SUBM DATE: none / SOV REF: 006 / OTH REF: 013

Card 2/2 MJS

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065310006-8

L 20207-66 T JK
ACC NR: AF6010322

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065310006-8"

BULGARIA

S. MOSKOV and Z. ZLATEV, Department of Therapeutics (Terapevtichno otdelenie) Chief (zavezhdashch) S. MOSKOV, MSCh [Abbreviation not identified] "G. Dimitrov," Pernik.

"Effect of the Psalliota campestris Mushroom on Gastric Secretion."

Sofia, Suvremenna Meditsina, Vol 14, No 2, 1963; pp 56-62.

Abstract [English summary modified]: Administration of juice expressed from this edible mushroom to 32 patients with gastric diseases of various types revealed the preparation to contain a very potent stimulant to gastric secretion; the juice had more effect than either caffeine or histamine in virtually all cases, but it was essentially ineffective in this respect in 8 patients with normal gastric function. Four graphs, 4 tables; 3 Bulgarian references.

1/1

RAIKOV, G., inzh.; ZLATEV, Zl.

Installation of cables at the mine hoisting machine with friction plates. Min delo 16 no.11:24-27 '61.

1. "Mashiprpekt"(for Raikov) 2. Gl. mekhanik na Durnjavno minno predpriatie "Burgazski medni mini"(for Zlatev)

(Mining machinery) (Hoisting machinery)

MOSKOV, S.; ZLATEV, Z.

Effect of the mushroom on stomach secretion. Vop. pit. 23 no.2:
88-89 Mr-Ap '64. (MIRA 17:10)

1. Iz terepevticheskogo otdeleniya mediko-sanitarnoy chasti imeni
Georgiya Dmitrova, g. Pernike, Bolgariya.

ZLATEV, Zlatman

Universal laboratory appliance slatkom. Farmatsiya 4 no.1:21-22

Ja-1 '54.

(WATER,

*distillation, universal laboratory appar.)

(LABORATORIES,

*universal appar. for distillation of water)

ZLATEVA, ANT.

Bulgaria/Physical Chemistry - Crystals, B-5

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 60914

Author: Borisov, M., Kynev, St., Zlateva, Ant.

Institution: None

Title: Some Experimental Results of Investigations of Internal Photo-effect in Mixed ZnS·CdS-Cu Crystallophosphors

Original

Periodical: Dokl. Bolgar. AN, 1955, 8, No 1, 13-16; German resumé

Abstract: Investigated was the kinetics of internal photoeffect in mixed ZnS·CdS-Cu crystallophosphors. For crystals MnS 50% CdS-Cu and CdS on excitation λ 546 and 578 m μ (outside region of principal absorption) and high intensity of excitation light there was observed a more complex course of kinetic curves than is usual. After switching on of illumination conductivity σ increases rapidly above its stationary value in light and after switching off of illumination there is again observed a brief increase of σ . Investigated was the variation of σ of previously excited phosphors

Card 1/2

L 22122-66 EWT(1)

ACC NR: AP6004922

SOURCE CODE: UR/0056/66/050/001/0076/0077

(10)

AUTHOR: Kirillova, L. F.; Nikitin, V. A.; Sviridov, V. A.; Strunov, L. N.;
Shafranova, M. G.; Korbel, Z.; Rob, L.; Zlateva, M.; Markov, P. K.; Todorov, T.;
Khristov, L.; Chernov, Kh.; Dalkhazhav, N.; Tuvdendorzh, D.

38
B

ORG: Kirillova; Nikitin; Sviridov; Strunov; Shafranova / Joint Institute of
Nuclear Research, Dubna (Ob'yedinenyy institut yadernykh issledovaniy); Korbel;
Rob / Czechoslovakian Higher Technical School, Prague (Chekhoslovatskoye Vyssheye
tekhnicheskoye uchilishche); Zlateva; Markov; Todorov; Khristov; Chernov / Physics
Institute, Bulgarian Academy of Sciences, Sofia (Fizicheskiy institut Bolgarskoy
Akademii nauk); Dalkhazhav; Tuvdendorzh / Institute of Chemistry and Physics,
Mongolian Academy of Sciences, Ulan-Bator (Institut khimii i fiziki Mongol'skoy
Akademii nauk)

TITLE: Real part of the pp elastic scattering amplitude at 2, 4, 6, 8, and 10 Gev

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 50, no. 1, 1966,
76-77

TOPIC TAGS: proton scattering, elastic scattering, scattering amplitude, differ-
ential cross section, nuclear scattering

Card 1/2

Z

L 22122-66
ACC NR: AP6004922

ABSTRACT: This is a continuation of earlier work by the authors (Phys. Lett. v. 13, 93, 1964) in which they present results of the measurements of the real part of the nuclear elastic scattering amplitude for an energy of 4 Gev, and more precise data for energies 2, 6, 8, and 10 Gev, taking into account the relativistic corrections. The experimental technique was described elsewhere (PTE no. 6, 18, 1963). The differential cross section was measured in the interval $0.003 < |t| < 0.2$ (Gev/c^2) (t = momentum transfer squared). The analysis of the obtained data as well as those reported by others was based on the Bethe formula (Ann. of Phys. v. 3, 190, 1958) with allowance for radiative corrections. The results agree well with the theoretical curve proposed by Soding (Phys. Lett. v. 8, 286, 1963), up to an energy of 20 Gev, above which some discrepancy appears. Orig. art. has: 1 figure and 2 formulas.

SUB CODE: 20/ SUBM DATE: 25Aug65/ ORIG REF: 001/ OTH REF: 008

Card 2/2 *OK*

BULGARIA/Electricity - Semiconductors

G-3

Abs Jour : Rof Zhur - Fizika, No 12, 1958, No 27881

Author : Androjtschin R., Zlateva A.

Inst : Physics Institute, Bulgarian Academy of Sciences, Sofia,
Bulgaria

Title : Photovoltaic Effect in Evaporated Layers of Lead Sulfide.

Orig Pub : Dokl. Bolg. AN, 1957, 10, No 4, 281-284

Abstract : A barrier photovoltaic effect has been observed in evaporated layers of lead sulfide. The electrodes were deposited in the form of combs. The illumination was transverse relative to the electrodes. If the electrodes were made of the same metal, the photo emf appeared only in certain cases and had a value less than 10 mV. If the electrodes were made of different metals, the photo emf reaches 20 to 200 mV, independent of the direction and inclination of the illumination, and its polarity is determined exclusively by the electrodes. The dependence of the photo emf and the photo-

Card : 1/2

ZLATEVA, A.; MARKOV, P.; TODOROV, T.; CHERNEV, Kh.

Elastic π^- -meson scattering at a pulse of 4.0 Bev./c on protons.
Doklady BAN 16 no.6:581-583 '63.

1. Fizicheskiy institut s ANEB pri BAN. Predstavлено akad. G. Nadzhakovym, chlenom Redaktsionnoy kollegii, "Doklady Bolgarskoy Akademii nauk".

S/058/62/000/006/012/136
A061/A101

AUTHORS: Zlateva, A. I., Markov, P. K., Peyeva, A. T., Khristov, L. G.,
Chernev, Kh. M.

TITLE: Elastic proton-proton scattering under small angles at 6.2-Bev
energy

PERIODICAL: Referativnyy zhurnal, Fizika, no. 6, 1962, 29, abstract 6B207
("Dokl. Bolg. AN", 1961, v. 14, no. 5, 443 - 446, English summary)

TEXT: Elastic p-p scattering at 6.2-Bev energy under angles of $1^{\circ}.2$ - $11^{\circ}.5$ in the center-of-mass system has been studied using a photoemulsion chamber irradiated by the internal proton beam of the ОИЯИ (OIVAI) proton synchrotron. An irradiation geometry has been used, in which the incident flux is perpendicular to the plane of the emulsion layers. This experimental arrangement permits the efficient recording of p-p scattering down to very small angles, and a reliable singling out of background events. In all, 141 cases of elastic p-p scattering have been singled out. The results are compared with the differential section under zero angle, calculated by the optical theorem using the full sec-

Card 1/2

Elastic proton-proton scattering...

9/058/62/000/006/012/136
A061/A101

tion of p-p interaction. Conclusions on the presence of a real part in the scattering amplitude or on its dependence on the spin state will be possible only after the statistical basis has been extended.

[Abstracter's note: Complete translation]

Card 2/2

KORBEL, Z.F.; SHAFRANOVA, M.G.; ZLATEVA, A.I.; MARKOV, P.K.;
TODOROV, T.S.; CHERNEV, Kh.M.; DALKHAZHAV, N.; TUVDENDORZH,D.;
ZRELOVA, N.N., tekhn. red.

[Elastic scattering of π^- -mesons on protons at a momentum
of 4 Gev./c] Uprugoe rassieianie π^- -mezonoov na protonakh pri
impul'se 4 Gev/s. Dubna, Ob"edinennyi in-t iadernykh issledo-
vani, 1963. 7 p.
(MIRA 17:1)

1. Institut fiziki i khimii Mongol'skoy Akademii nauk, Ulan-
Bator (for Dalkhazhav, Tuvdendorzh).

ZLATEVA, A.I.; MARKOV, P.K.; CHERNEV, Kh.M.

Elastic scattering of protons at 6.2 Bev. Izv fiz atom BAN 11
no.1/2:105-120 '63.

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065310006-8

ZLATEVA, A. I.; MARKOV, P. K.; PEEVA, A. T.; KHRISTOV, L. G.; CHERNEV, Kh. M.

Elastic proton-proton scattering at small angles at energy 6.2 kev.
Doklady BAN 14 no. 5:423-448 '61.

(Protons)

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065310006-8"

KIRILLOVA, L.F.; NIKITIN, V.A.; PANTUYEV, V.S.; SVIRIUCV, V.A.; STRUMCV, L.W.; KHACHATURYAN, M.M.; KHRISTOV, L.G.; SHAFRANOVA, M.G.; KORBEL, Z.; ROB,L.; DAMYANOV, S.; ZLATEVA, A.; ZLATANOV, Z.; YORDANOV, V. [Jordanov,V.]; KANAZIRSKI, Kh.; MANKOV, P.; TODOROV, T.; CHERNEV, KR.; DALKHAZIYEV, N.; TUVDENDORZH, D.

Elastic pp and pd-scattering at small angles in the energy range
2 - 10 Bev. IAd. fiz. 1 no. 18(1969) Mr '69 (MIRA 18+5)

1. Ob'yedinenyyj institut yadernykh issledovaniy. 2. Vyssheye
tekhnicheskoye uchilishche Praga (for Korbel, Rob), 3. Fizicheskiy
institut Bolgarskoy Akademii nauk, Sofiya (for Damyanov, Zlateva,
Zlatanov, Yordanov, Kanazirski, Mankov, Todorov, Chernev). 4. Institut
khimii i fiziki Ulan-Bator, Mongoliya Narodnaya Respublike (for
Dalkhashev, Tuvdendorzh).

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065310006-8

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065310006-8"

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065310006-8

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065310006-8"

DALKHAZHAV, N.; ZLATEVA, A.Y.; KORBEL, Z.F.; MARKOV, P.K.; TODOROV, T.S.;
TUVDENDORZH, D.; CHERNEV, Kh.M.; SHAFRANOVA, M.G.

Elastic scattering of 4Gev./c mesons by protons. Zhur. eksp.
i teor. fiz. 47 no.1:12-15 Jl '64. (MIRA 17:9)

1. Ob'yedinennyj institut yadernykh issledovaniy. 2. Sotrudniki
Instituta fiziki i khimii Mongol'skoy Akademii nauk, Ulan-Bator
(for Dalkhazhav, Tuvdendorzh). 3. Sotrudniki Fizicheskogo
instituta i atomnoj nauchno-issledovatel'skoy laboratorii
Bulgarskoy Akademii nauk, Sofiya. (for Zlateva, Markov, Todorov,
Chernev).

TRENDAFELOV, D.; ZLATEVA, I.

Investigation of the system $\text{Cd}(\text{CH}_3\text{COO})_2 - \text{CH}_3\text{COOH}-\text{H}_2\text{O}$ at 25°
and 10° . Deklady BAN 17 no. 11:1013-1016 '64.

1. Submitted July 3, 1964.

MIREV, D.; ZLATEVA, Iv.

The influence of volatile substances on the desulfurization of coal
during semicoking. Izv Inst khim RAN 7:3-11 '60.
(EKA 10:9)

(Coal) (Coke) (Desulfurization)

MIREV, D.; ZLATEVA, Iv.; GEORGIEVA, T.

Concentration of anthracite coal from the village of Draganitsa
deposits through the flotation method. Izv Inst khim BAN 7:303-308
'60. (EEAI 10:9)

1. Khimicheski institut pri BAN.

(Anthracite coal) (Flotation)

ZLATEVA IV.

BULGARIA / Chemical Technology, Chemical Products and Their Application, Part 3. - Treatment of Natural Gases and Mineral Oil, Motor and Rocket Fuel, Lubricants.

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 62240.

Author : D. Mirev, Iv. Zlateva, R. Boyadzhieva.
Inst : Chemical Institute of Academy of Sciences of Bulgaria.
Title : Use of Oil Gas in Flame Photometers.

Orig Pub: Izv. khim. in-t B"lg. AN, 1957, 5, 193 - 201.

Abstract: Taking into consideration the difficulties connected with obtaining acetylene for flame photometers (Zeiss system), comparative experiments of quantitative determination of K, Na and Ca were carried out with such a photometer substituting the acetylene-air mixture with an oil

Card 1/2

ZLATEVA, M.; DASHEV, G. (Sofiya)

Histological and histochemical studies on the adrenal cortex
in chronic cardiopulmonary insufficiency. Probl.endok. i gorm.
no.2:77-82'63. (MIHA 16:7)

1. Iz kafedry obshchey patologii i patologicheskoy anatomii
(zav. prof. I. Goranov) i kafedry endokrinologii (zav. prof.
I.Penchev) Instituta usovershenstvovaniya vrachey, Sofiya.

DASKALOV, A.; ZLATEVA,M.; NIKOLOV, N.

Subacute aleukemia reticulosis. Suvrem med., Sofia no.9:20-28 '60.

1. Iz Katedrata po gastroenterologija i dietetika pri ISUL (Rukov.
na katedrata prof. T.A.Tashev) i Katedrata po patologichna anatomija
pri ISUL (Rukov. na katedrata prof. Iv.Goranov)
(RETICULOENDOTHELIOSIS case reports)

ZLATEVA, M.

"Acute Infectious Diseases as Cause of Death of Children."

p. 35? (Izvestiia, Vol. 2, 1957, Sofia, Bulgaria)

Monthly Index of East European Accession (EEAI) LC, Vol. 7, No. 11,
Nov. 1958

ZLATEVA, M.

MIKHAILOV, G., prof.; ZLATEVA, M.

Cardiovascular diseases in children; anatomical and statistical
considerations. Suvrem.med., Sofia 6 no.9:39-43 1955.

1. Iz Katedrata po patologichna anatomiia pri Visshiia Meditsinski
institut V.Chervenkov-Sofia (zav. katedrata: prof. B.Kurdzhiev)
(CARDIOVASCULAR DISEASES, in infant and child.
(Bul))

ZLATEVA, M.D. (Sofiya)

Pathogenesis of aortic rupture. Arkh.pat. no.11:33-38 '61.
(MIRA 14:10)
1. Iz kafedry patologicheskoy anatomii (zav. ... deystvitel'nyy
chlen AMN SSSR prof. I.V. Davydovskiy) II Moskovskogo meditsin-
skogo instituta imeni N.I. Pirogova.
(AORTA--RUPTURE)

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065310006-8

ZLATEVA, M.D.

Changes in the aorta in hypertension. Arkh. pat. 22 no. 12:23-29
'60. (MIRA 14:1)

(HYPERTENSION) (AORTA---DISEASES)

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R002065310006-8"

ZLATEVA, M.D., Cand Med Sci -- (diss) "Concerning the
pathogenesis of ruptures of the aorta." Mos, 1958,
10 pp (Second Mos State Med Inst im N.I. Pirogov)
250 copies (KL, 42-58, 118)

- 64 -

ZLATIC, Milena

Dermatoses and ontogenesis. Radovi nad. fak. Zagrebu. Vol. 2:89-99
1954.

1. Dermatovenerolska klinika Medicinskog fakulteta u Zagrebu
(predstojnik: Akademik prof. dr. Fr. Kogoj)
(SKIN, dis.
ontogenetic factors)

ZLATIC, Milena; URBANKE, Aladar

Granuloma fungoides. Radovi Med. fak. Vol.2:213-220 1953.

1. Iz Dermatološke klinike (predstojnik akademik prof. dr. F.Kogoj)
i Patolosko-anatomskog zavoda Medicinskog fakulteta u Zagrebu
(v.d. predstojnika dr. B.Felicic-Markovic). (Primljeno 20.VII.1953)
(MYCOSIS FUNGOIDES, pathol.)

POLGAR, Samuel (Budapest XIII., Reitter F.u.22); ZIATICS, Zsigmond
(Budapest VIII., Diószeghy S.u. 44/b)

To the Hungarian representation of the Moskovich automobiles
Auto motor 11 no. 22:6 1 D 153.

1. Gepkocsivezetok.